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## INDUSTRIAL MACHINERY PLANTS ATTAIN 1950 LEVEL

"KOMPRESSOR" PLANT TOPS GOAL -- Moskovskiy Bol'shevik, No 145, 23 Jun 49

The pledge of the Moscow "Kompressor" Plant to complete the Five-Year Plan in 3½ years has been filled ahead of schedule. In April, the volume of production exceeded the average monthly volume planned for 1950. In 12 months, from 1 May 1948 to 30 April 1949, the plant has produced almost 7 percent more than was planned for the last year of the Five-Year Plan. The plant achieved this goal by a general increase in labor productivity. In May, the average productivity of one worker was almost 31 percent higher than the planned 1950 level.

During the last 5 months, the plant has put into operation more than 60 large-scale organizational and the technological innovations which have radically changed production methods, increased productivity, and improved quality. Four large molding machines and a sand slinger were put into operation in the foundry. A special tool for machining large cores (one meter in diameter and 2 meters long) has been designed and built. The chill-casting method has been introduced in producing compressor parts. A machine for centrifugal casting of more important parts has been installed. Foundry workers have speeded labor-consuming processes as much as three times during the first stage of the new equipment's use.

A special installation for preheating air fed into the cupola furnaces has been installed, speeding the process of smelting and increasing productivity 20 percent.

Mechanized welding has been substituted for hand welding in the boiler and welding section. This has increased the speed of welding from 4 - 6 centimeters per minute to 20 - 30 centimeters. A gas metal-cutting machine, speeding this process 2 - 3 times, has been substituted for hand cutting.

Productivity has been accelerated in the machine shops by introducing high-speed machining of parts and by installing machine tools with highly productive devices. Now 112 operations are done at a speed of 150 - 170 meters per minute, instead of the former: 40 - 70 meters.

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Other improvements planned for the plant include preparation of all parts for serial production, more extensive use of high-speed cutting, and more effective utilization of metal.

Sovetskaya Moldaviya, No 121, 19 Jun 49

The Moscow "Kompressor" Plant is building new and more powerful two-cycle air compressors in 1949.

"TASHTEKSTIL'MASH" SURPASSES GOALS -- Pravda Vostoka, No 120, 19 Jun 49

Two months ago, the "Tashtekstil'mash" Plant attained the level of labor productivity planned for 1950. The plant will very shortly exceed the Five-Year Plan in respect to rate of production. In June it will produce more textile machines than the average monthly rate planned for 1950.

NOVO-KRAMATORSK SHOPS COMPLETE PLAN -- Moskovskiy Bol'shevik, No 148, 25 Jun 49

The metal structures and assembly shops of the Novo-Kramatorsk Plant completed their Five-Year Plan for volume of production on 23 June. The metal structures shop has filled orders for metal structures for Bessemer converters in the Plant imeni Dzerzhinskiy, a new casting machine for the "Serp i Molot" Plant, mine hoists, and other machines. The assembly shop has filled orders from the petroleum industry.

CHEMICAL-MACHINERY PLANT HITS 1950 LEVEL -- Vechernyaya Moskva, No 148, 23 May 49

The experimental plant of chemical-machine building has exceeded the average monthly production level set for 1950 and has completed the 6-month plan. The plant is now starting on its July plan.

WELDED WELL CASING INTRODUCED -- Bakinskiy Rabochiy, No 121, 22 Jun 49

A system of welding oil-well casing developed by the Pipe-Designing Bureau of the Azerbaydzhan Scientific Research Institute is being used in the "Azneft" oil fields of Leninskiy, Ordzhonikidzevskiy, Kirovskiy, and Stalinakiy rayons. The system permits the safe installation of welded columns to a depth of 1,500 meters, while lowering the number of workers needed to sink the column, facilitating the work of the drilling crew, and more effectively sealing the column. The "Bol'shevik" Plant aided in developing the technique.

NEVSKIY MACHINE-BUILDING PLANT EFFICIENT -- Leningradskaya Pravda, No 145, 22 Jun 49

In the first 5 months of 1949, the Nevskiy Machine-Building Plant imeni Lenin adopted 128 suggestions for improving efficiency and as a result saved 861,000 rubles, 24,000 machine-hours, more than 92 tons of metal and intermediate products, 700 kilograms of tin, 259 tons of steam, 30 tons of fuel, and about 42,000 kilowatt-hours of electric power.

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